



Advanced Engineering Investigations

STEVEN R. FOLTZ, M. Arch

Mr. Foltz has an extensive background and experience as a forensic animator and architectural consultant. He holds a Master of Architecture from the University of Colorado at Denver and his LEED AP certification. He has created countless construction documents and BIM Models based on existing as-built drawings, field measurements, photographs, 3D point clouds, and photogrammetry. Further, he specializes in implementing 3D laser scanning technology to build very accurate existing conditions or "as-built" digital models.



EDUCATION & LICENSURE

MA, Architecture University of Colorado Denver

BA, Architecture University of Minnesota

LEED AP

WORK HISTORY

Forensic Imaging Expert, *AEI Corporation*, 2019 to Present

Owner and Director, 3D Data Pro, LLC, Colorado, 2012 to Present

Forensic Animator, Kineticorp, LLC, Colorado, 2009-2012

Architectural Consultant, Denver, CO 2006-2009

Architectural Intern, Slifer Designs, Edwards, CO, 2005-2006

EXPERIENCE

Mr. Foltz's expertise includes architecture, construction documents, computer visualization and simulation, and photogrammetry technology. He has extensive experience implementing 3D laser scanning technology and geospatial sciences to build physics-based, scientific visualizations representing structures and landscapes, as well as incidents and accidents. Throughout Mr. Foltz's years of experience in architecture and forensic engineering, he prepared countless 3D models and diagrams admitted by both federal and state courts. He holds a Bachelor of Arts in Architecture from the University of Minnesota and a Master of Architecture with honors from the University of Colorado at Denver. Mr. Foltz is also a commercial drone pilot.

AWARDS

Denver Museum of Contemporary Art's Design Excellence Award

Eugene D. Sternberg award for socially responsible architecture

Richard L. Crowther award for environmental architecture